



MEDREG



**EMPOWERING
MEDITERRANEAN
REGULATORS
FOR A COMMON
ENERGY FUTURE**



Co-funded by
the European Union

Established 12 years ago, MEDREG is the Association of **Mediterranean Energy Regulators**, which includes 27 regulators from 22 countries, **spanning the European Union (EU), the Balkans and North Africa.**

Mediterranean regulators work together through constant cooperation to promote a permanent **exchange of know-how, data collection** and dissemination of **expertise**, making use of comprehensive studies, recommendations, reports and specialised training sessions. The **European Union** has been a continuous promoter of MEDREG since its creation, through the active involvement of the European Commission's Directorate General for Energy (DG ENER) and the Directorate General for Neighbourhood and Enlargement Negotiations (DG NEAR), which **co-finances** MEDREG activities.



27 REGULATORS FROM 22 COUNTRIES

MIXED MEMBERSHIP WITH REGULATORS FROM **8 EUROPEAN COUNTRIES, 4 BALKAN COUNTRIES AND 10 MIDDLE EAST AND NORTHERN AFRICA (MENA) COUNTRIES**

11 MEMBERS REGULATE ELECTRICITY AND GAS, 12 REGULATE ELECTRICITY ONLY AND 4 REGULATE GAS ONLY

SOME ALSO REGULATE **OTHER SECTORS** SUCH AS WATER, OIL, WASTE AND TELECOMS.

21 ARE INDEPENDENT REGULATORS, WHILE 6 ARE MINISTRIES

THE MEDREG REGIONAL COOPERATION PROJECT **STARTED IN 2007**

MEDREG's mission is to provide a **level playing field** for all Mediterranean energy actors by encouraging and facilitating the establishment of a sound legal and regulatory framework. Based on independent and objective regulatory bodies, energy markets are more likely to attract **investment**, ensure the efficient use of the system and of investments and encourage fair practices towards **consumers**.

MEDITERRANEAN ENERGY REGULATORS WORK TOGETHER TO




























1 Foster **cooperation, information exchange and assistance** among members, providing a **permanent discussion framework** and cooperation network

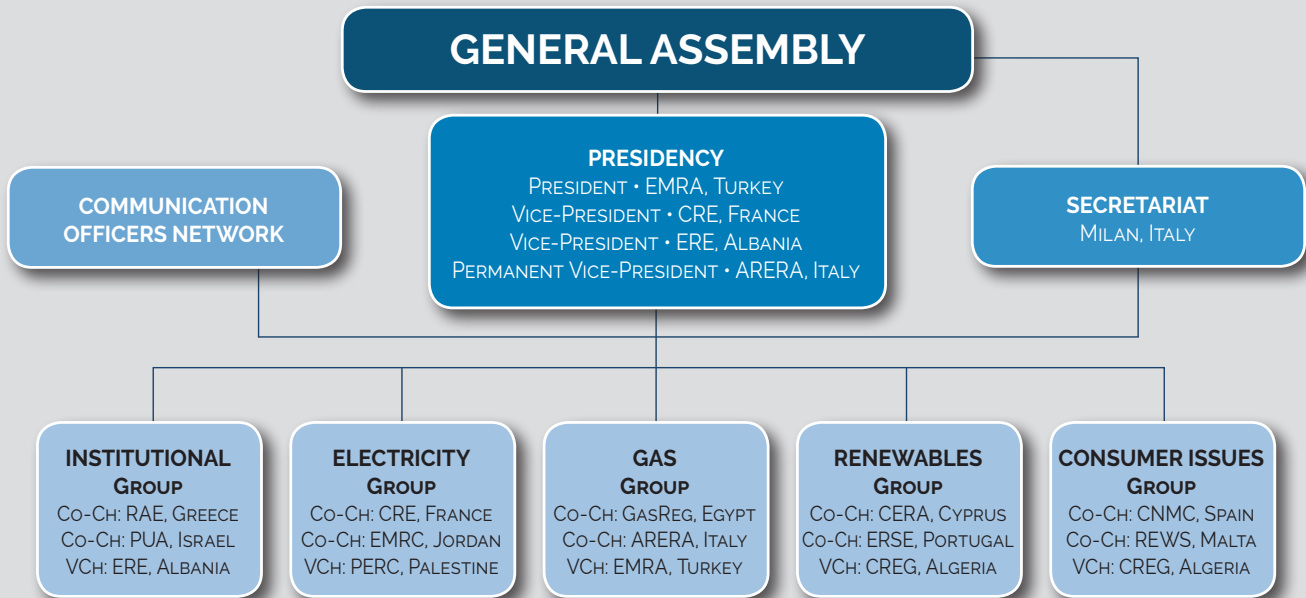
2 Provide **capacity development activities** through study visits, training sessions and workshops

3 Support initiatives of common interest in key areas such as **infrastructure investment and development**, innovative financing solutions for the Mediterranean and research in the field of energy regulation

4 Foster **sustainable development** in the energy sector through greater efficiency and integration of energy markets based on secure, safe, cost-effective and environmentally sustainable energy systems

5 Promote a greater **compatibility** of the energy markets and legislation and seek **progressive market integration** in the Euro-Mediterranean region

Albania		ERE	ALBANIAN ELECTRICITY REGULATORY AUTHORITY
Algeria		CREG	ELECTRICITY AND GAS REGULATION COMMISSION
Algeria		ARH	HYDROCARBON REGULATORY AUTHORITY
Bosnia and Herzegovina		SERC	STATE ELECTRICITY REGULATORY COMMISSION
Croatia		HERA	CROATIAN ENERGY REGULATORY AGENCY
Cyprus		CERA	CYPRUS ENERGY REGULATORY AUTHORITY
Egypt		EGYPTERA	EGYPTIAN ELECTRIC UTILITY AND CONSUMER PROTECTION REGULATORY AGENCY
Egypt		GASREG	EGYPTIAN GAS REGULATOR
France		CRE	REGULATORY COMMISSION OF ENERGY
Greece		RAE	REGULATORY AUTHORITY FOR ENERGY
Israel		PUA	PUBLIC UTILITIES AUTHORITY - ELECTRICITY
Israel		NGA	NATURAL GAS AUTHORITY
Italy		ARERA	ITALIAN REGULATORY AUTHORITY FOR ENERGY, NETWORKS AND ENVIRONMENT
Jordan		EMRC	ENERGY & MINERALS REGULATORY COMMISSION
Jordan		MEMR	MINISTRY OF ENERGY AND MINERAL RESOURCES
Lebanon		LCEC	LEBANESE CENTER FOR ENERGY CONSERVATION
Libya		ME	MINISTRY OF ELECTRICITY & RENEWABLE ENERGY
Malta		REWS	REGULATOR FOR ENERGY & WATER SERVICES
Montenegro		REGAGEN	ENERGY REGULATORY AGENCY
Morocco		ANRE	NATIONAL ELECTRICITY REGULATORY AUTHORITY
Morocco		MEM	MINISTRY OF ENERGY, MINES AND SUSTAINABLE DEVELOPMENT
Palestine		PERC	PALESTINIAN ELECTRICITY REGULATORY COUNCIL
Portugal		ERSE	ENERGY SERVICES REGULATORY AUTHORITY
Slovenia		AGEN-RS	ENERGY AGENCY OF THE REPUBLIC OF SLOVENIA
Spain		CNMC	NATIONAL COMMISSION ON MARKETS AND COMPETITION
Tunisia		MEMER	MINISTER OF ENERGY, MINES AND RENEWABLE ENERGIES
Turkey		EMRA	ENERGY MARKET REGULATORY AUTHORITY



GENERAL ASSEMBLY

The General Assembly (GA) is the decision making body responsible for defining MEDREG's strategy and for approving the Action Plan, operational guidelines, budget, reports and position papers elaborated by the Working Groups. It is composed of high-level representatives from MEDREG members. The General Assembly meets every six months.



MEDREG's 27th General Assembly in Tirana (Albania) on 19 June 2019

OUR GOVERNANCE



Güleşan Demirbaş

PRESIDENT
(EMRA, TURKEY)



Petrit Ahmeti

VICE-PRESIDENT
(ERE, ALBANIA)



Christine Chauvet

VICE-PRESIDENT
(CRE, FRANCE)



Stefano Besseghini

PERMANENT
VICE-PRESIDENT
(ARERA, ITALY)



Fabio Tambone

SECRETARY GENERAL
(MEDREG SECRETARIAT)

SECRETARIAT

Hosted by its Italian member ARERA in Milan, the Secretariat implements MEDREG's strategy as defined by GA members, enhancing MEDREG accountability and institutional cooperation in the Mediterranean energy sector. The Secretariat provides continuous support to the President, Vice-Presidents and members, as well as to the Working Groups in the implementation of the Action Plan. Moreover, the MEDREG Secretariat fosters information exchange among its members through a Communication Officers network that promotes MEDREG's message in each member country.

Main areas of work

05

MEDREG focuses on five areas of activity through its Working Groups which are led by regulatory staff.



INSTITUTIONAL ↻ We study and promote the role and competencies of regulatory authorities, and coordinate MEDREG's institutional presence in EU and international contexts.

We maintain a dialogue on energy regulation with the European Union, international institutions, regional regulatory organisations and other bodies.



GAS ↻ We assess the current status of natural gas and liquefied natural gas (LNG) markets in Mediterranean countries, their regulatory frameworks and possible evolutions. We also elaborate Guidelines of Good Practice (GGP) and recommendations that could lead to the development of an integrated, competitive, transparent, secure and effective gas market in the region.



ELECTRICITY ↻ We monitor the status of electricity markets and their regulatory frameworks in MEDREG countries and propose viable paths for their harmonized development. We also identify essential requirements that will lead to strengthened and well-functioning regional electricity markets in the region.



ENVIRONMENT, RENEWABLE ENERGY SOURCES AND ENERGY EFFICIENCY ↻ We focus on the legislative and regulatory mechanisms used to promote renewable electricity generation, energy efficiency and renewable energy sources (RES) deployment in the Mediterranean basin, with particular attention to off-grid solutions and independent power producers (IPPs).



CONSUMERS ↻ We work on enhancing the protection of household consumers in MEDREG countries. We produce surveys and recommendations on energy billing, consumer protection and information. We also identify and promote best practices in consumer protection, including vulnerable consumers, quality of service for electricity and gas and consumer associations.

IDENTIFYING REGULATORY OPTIONS FOR THE STIMULATION OF INFRASTRUCTURE INVESTMENTS

In a report that assesses the level of development of power systems, MEDREG identifies priorities and challenges for the stimulation of relevant investments in the Mediterranean region. MEDREG calls for a new approach toward the assessment of electricity infrastructure investments, pleading to:

- Clarify the institutional architecture at national level;
- Improve investment planning capacity;
- Ensure a proper level of transparency and know-how; and
- Build upon regulators' competences.

EMPOWERING ALGERIA TO DETERMINE RES PRICES THROUGH AUCTIONING SYSTEM

In the context of Algeria's new strategy for renewable energy development that comprises the introduction of public tenders as a method to determine the renewable energy selling price, the energy regulator CREG is contributing to the process of validating renewable energy selling prices resulting from investors' responses to tenders and from auctions.

To support CREG in this process and the launch of a first auction for the production of 150 MW of photovoltaic (PV) solar energy, MEDREG organised a technical workshop to **share the lessons learned on the factors influencing prices in renewable energy auctions** in October 2018 in Algiers. This tailor-made activity looked at **how to include stakeholders' view in the design of auctions, define appropriate requirements to participate in the auction and select a winner to implement the project**. The MEDREG workshop, which was part of an exhaustive capacity building process at CREG, provided effective tools to assess the offers made through auctions.

“ Thanks to experiences of RES auction systems implemented in various developing regions of the world, shared in the MEDREG support framework, we gained a clear idea on the priorities to take into consideration in order to evaluate and endorse the fairest and most economical viable RES electricity prices in Algeria. ”

*Mr. Hichem Rimouche
Tariff Director (CREG, Algeria)*

STRENGTHENING THE JORDANIAN REGULATOR'S CAPACITY TO CORRECTLY GIVE, MONITOR AND WITHDRAW LICENCES

MEDREG developed **recommendations** and provided **a concrete roadmap to Jordan to improve its electricity licencing procedures**. In 2018, the Jordanian regulator (EMRC) undertook a MEDREG peer review on a voluntary basis to improve its licencing procedures for the electricity generation, transmission, and distribution, including licences for the commerce and self-consumption of renewable energy sources (RES). In 2019, these recommendations translated into dedicated **capacity-building activities that foster applicable solutions for Jordan to issue and manage licences in line with the best practice**.

ACCOMPANYING REGULATION IN MOROCCO

MEDREG is supporting the National Electricity Regulatory Authority (ANRE), established in 2018. We are offering our full support to **bring the new regulator up to speed on MEDREG activities**. Concretely, we recently **explored synergies between Morocco and the Mediterranean regulators to integrate RES in its electricity market**. MEDREG gave an overview of the legislative, policy and regulatory tools applied in the Southern Mediterranean countries to incentivize renewable energy projects, thus helping Morocco to achieve the objectives of its energy policy, and in particular those it has set for 2030 and 2050. MEDREG also provides technical support to ANRE officials, through regular meetings, seminars and training courses.

DRAWING A GAS INFRASTRUCTURE MAP

MEDREG's report **brings more clarity on the expectations, aims and motives of the Mediterranean countries' infrastructure investment evaluations and decisions, in terms of increasing security of supply, providing market security and diversifying natural gas sources or routes.**

14 MEDREG regulators shared the ways they use their transmission and storage capacity, shedding light on future investment plans across MEDREG members.

CONNECTING ISRAELI HOUSEHOLD CONSUMERS TO GAS

As Natural gas in Israel is now entering the residential sector, MEDREG provided the Israeli Natural Gas Authority (NGA) with technical assistance to **understand how to set up an efficient gas supply for domestic consumers.** MEDREG led a study visit in 2018 to fellow members, the Spanish and Turkish regulators, who undertook similar gas reforms and that were able to share their experience and practical knowledge with NGA.

“ Thanks to MEDREG's support, we exposed ourselves to both the mature market of Spain and the newly established and flourishing market of Turkey. It has been a very important experience for the Israeli natural gas industry, which is now entering into the stage of natural gas penetration to the residential sector. There are very few countries that possess a developed natural gas regulation and similar climatic conditions to those of Israel, so the chance MEDREG provided us to have long and fruitful workshops with the regulators of Spain and Turkey was extremely valuable. ”

*Mr. Constantine Blyuz,
Chief Economist (NGA, Israel)*

ENCOURAGING BEST PRACTICES FOR CONSUMERS' DISPUTE SETTLEMENT AND DISCONNECTION PROCEDURES

Following the best practice, we issued **recommendations on the procedures applicable to disputes between consumers and their providers.** MEDREG's benchmarking analysis shows that regardless of the level of customers' protection, **consumers' protection is gaining a growing interest.** We are tackling disconnection practices too, by looking at the impact that the current disconnection procedures have on consumers in MEDREG countries. We prepare the ground for the elaboration of recommendations at regional and national level to **promote disconnection practices that take into account vulnerable consumers.**

SUPPORTING THE EVALUATION OF A NET METERING SYSTEM IN PALESTINE

A report was made for the Palestinian member PERC to highlight the technical and economic impact that net metering could have on the Palestinian grid. The report draws recommendations on the regulatory, economic procedural, technical and capacity development steps to be taken in order to implement net metering in Palestine. The report was **used by PERC and presented to the Energy Ministry which took the recommendations into account in the new net metering rule.**

MONITORING THIRD PARTY ACCESS TO GAS NETWORKS

MEDREG drew guidelines on Third Party Access (TPA) to the Mediterranean gas networks. We identified the **countries which meet satisfactory practices,** and the ones which **do not,** in areas such as market opening, unbundling, TPA to the infrastructures, network code and TPA rules, tariffs, methodologies for capacity allocation and congestion management, balancing, anti-hording mechanisms, quality of service and dispute settlement.

MEDREG advocates its positions and shares its recommendations for a common vision of energy regulation at regional level. We cooperate with **international organisations, financial institutions, regional and international associations** (fellow regulators, companies, consumers, conservation agencies, etc.).

REGULATORS



INSTITUTIONS AND PARTNERS



MEDREG: a unique partner at the crossroads of the Mediterranean

08

We offer a **cooperative platform** bringing together regulators, the entities governing the technical side of the market.

We have a unique position to **dialogue** with the most **influential institutions** of the Mediterranean region.



We are a reliable and **recognized institutional partner** to grasp the trends and evolutions of the Euro-Mediterranean energy sector.

We regularly share key **regulatory findings** attracting major energy stakeholders in our events and workshops.

We are part of **networks** of diverse energy actors covering critical issues and shaping the future of Euro-Mediterranean energy integration.

INTERNALLY

Composed of representatives from the 27 Member regulators responsible for promoting MEDREG's messages in their respective member country, the **Communication Officers (COs) Network** ensures a constant flow of information to improve the knowledge of MEDREG at national level. It also enables the dissemination and amplification of our activities regionally and facilitates the cooperation between MEDREG and the other energy stakeholders in the Mediterranean region. The COs Network exchanges frequently by virtual means and meets physically once a year.

WEBSITE

MEDREG's activities, reports, publications, planned events and other resources are published on the website which is regularly updated. It consists of a **public section** offering a myriad of information and of an **area** dedicated and **reserved to members** where working documents and scheduled internal meetings are made available.

MEDIA, NEWSLETTERS AND ALERTS

Regular **alerts, newsletters** and **press releases** are disseminated throughout the Mediterranean region, informing members, external partners, journalists and stakeholders about our activities, recent reports and achievements.

SOCIAL MEDIA

MEDREG is active on **LinkedIn, Twitter, Youtube** and **Instagram**. Our social media pages keep **our growing followers** up-to-date with MEDREG's latest news and related regulatory developments in the Mediterranean. In addition, we regularly elaborate short **video interviews**, posted on our website and YouTube channel, which explain in a pedagogical way our main reports and support activities to members.

PUBLICATIONS

We produce **reader-friendly brochures**, leaflets, infographics, handbooks and case studies translating our most relevant technical work. This promotional and informative material is widely distributed digitally and at high-level international fora. MEDREG also publishes **annual reports** that present the organisation's main achievements.

HIGH-LEVEL INTERNATIONAL EVENTS

MEDREG frequently intervenes and presents its role and activities at various high-level international conferences and meetings. Events where we recently advocated our vision include the African Energy Forum, COP side events, Mediterranean Dialogues, Solidar Tunisie, POWER-GEN, the Centre for the Mediterranean Integration, GIZ trainings, meetings of the Union for the Mediterranean and Parliamentary Assembly of the Mediterranean as well as various EU workshops and conferences.

INSTITUTIONAL

- Peer Review to the Jordanian Energy Regulator (EMRC) on electricity licensing procedures - [AR](#) - [EN](#)
- Case Study of EgyptERA peer review - [EN](#)
- Support to the evaluation of a net metering system in Palestine - [AR](#) - [EN](#)
- Mediterranean Energy Regulatory Outlook 2017 - [EN](#)



ELECTRICITY

- Regulatory options for the stimulation of infrastructure investments - [AR](#) - [EN](#) - [FR](#)
- Mediterranean Electricity Market Observatory (MEMO) - [EN](#)
- Methodologies used by Regulators to Evaluate Investment Projects and Investment Plans - [EN](#)
- Performance Indicators and Penalties Applicable to Generators in Case of Failure - [EN](#)



GAS

- Guidelines of Good Practice on Capacity Allocation - [AR](#) - [EN](#) - [FR](#)
- Guidelines of Good Practice on Third Party Access - [AR](#) - [EN](#) - [FR](#)
- Gas Infrastructure Map - [EN](#)
- Assessment of Natural Gas Competition and Market Prices within MEDREG Members - [EN](#)



ENVIRONMENT, RENEWABLE ENERGY SOURCES AND ENERGY EFFICIENCY

- Smart Grids in Mediterranean Countries - [AR](#) - [EN](#)
- Benchmarking Assessment on the Development of Mediterranean RES - [EN](#)



CONSUMERS

- Overview on Disconnection Procedures Due to Non-Payment in the Mediterranean Region - [EN](#)
- Complaint Handling & Dispute Settlement Procedures available to Household Customers - Status review - [AR](#) - [EN](#) - [FR](#)
- Best practices to enhance consumers' engagement - [EN](#)



All MEDREG reports are available for free on our website www.medreg-regulators.org



MEDREG

MEDITERRANEAN ENERGY REGULATORS



Corso di Porta Vittoria 27
20122 Milan, Italy



Tel: +39 02 655 65 537
Fax: +39 02 655 65 562



info@medreg-regulators.org
www.medreg-regulators.org

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